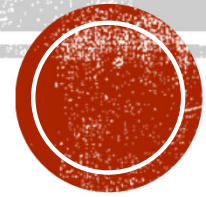


2021 REPORT

For the Boone County Highway Department



2020 ACCOMPLISHMENTS

Treatment	Length
Single Chip & Seal	6.88 miles
Cold Mix Asphalt Resurface	4.50 miles
Cleaned Bridges	126
Herbicide Application	56 locations
Tile Installation	268 linear feet
Culvert Installation	1,252 linear feet
Ditch Cleaning & Restoration	9,725 linear feet
Shoulder Clipping	8,261 linear feet
Rip Rap	372 tons
Berm Cutting	>60 Lane Miles



CR 600 W North of SR 32



CERTIFICATIONS

- **3 Staff Members obtained their Road Builder Certification in 2020.**
- **Required completion of 12 courses & 300 Hours of training**
- **4 additional Certified Pesticide Applicators**
 - **Anticipate 2 more to be certified in 2021**



2020 CONTRACTED WORK

Treatment	Length / Unit
Hot Mix Asphalt Resurfacing	6.25 miles
Bridge Rehabilitation (Federal Aid)	1
Bridge Replacement/Reconstruction	1
Culvert Replacement	2



Bridge 202



Small Structure HA012



PERMITS

Permit Type	2018	2019	2020
Right of Way	34	55	69
Driveway	109	65	74
Road Closure	3	15	17
Dust Control	122	72	91
Frost Permits	1	5	4
Off-Road Vehicle	71	88	85



2020 REPORT CARD

How did we do?

Report Card

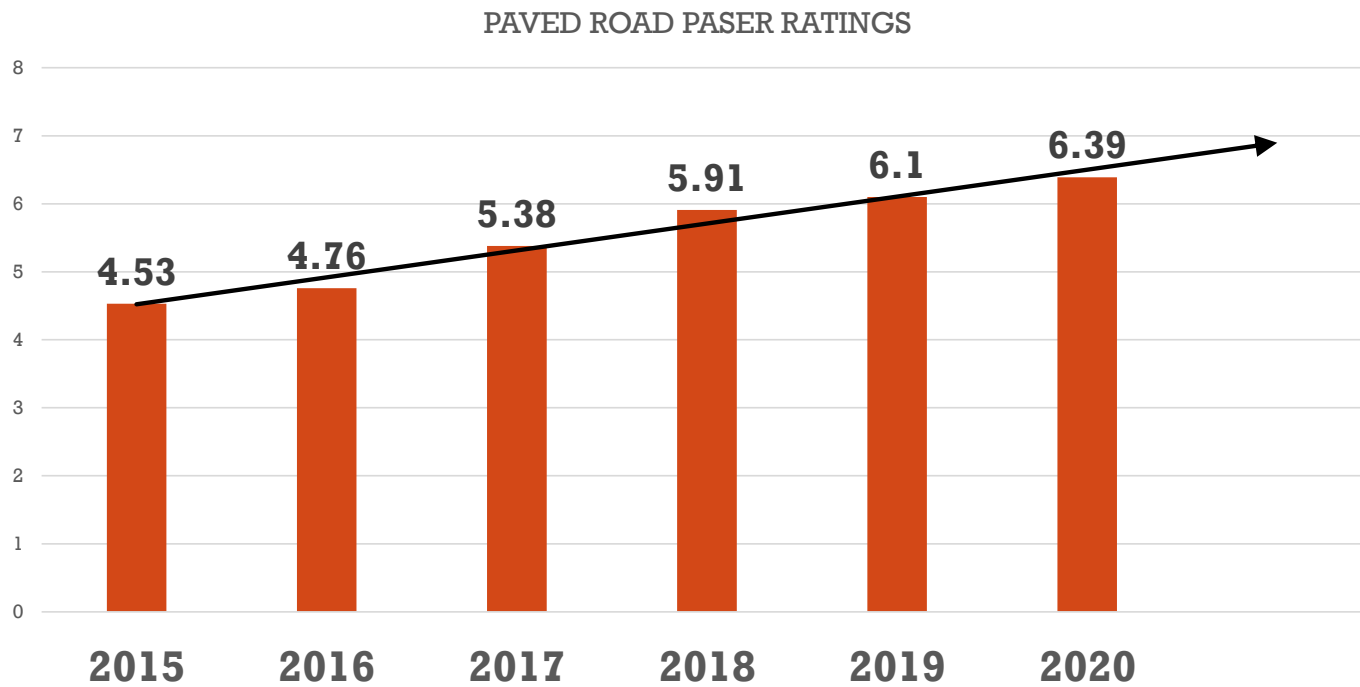
Excellent ☐

Very Good ☒

Good ☐

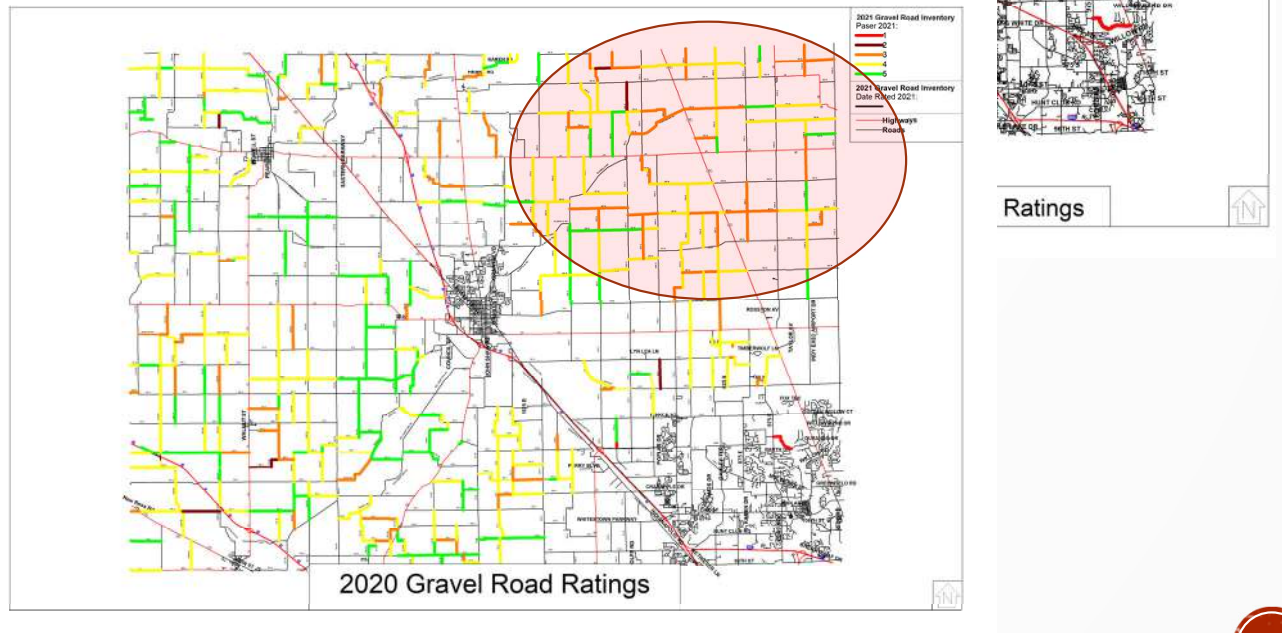
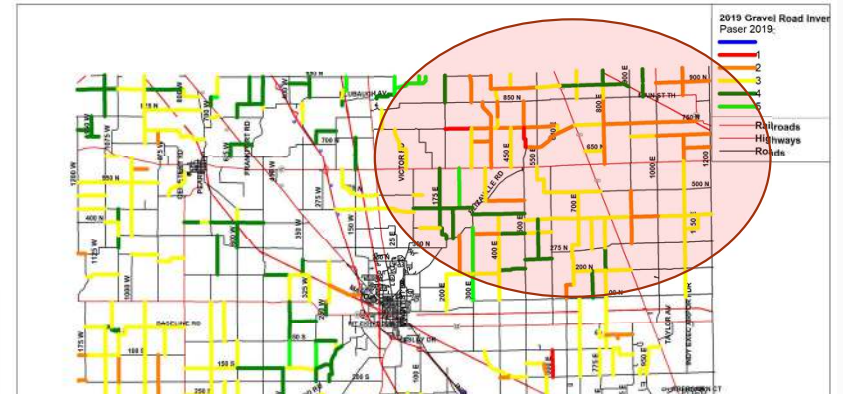
Fair ☐

Paved Road Conditions



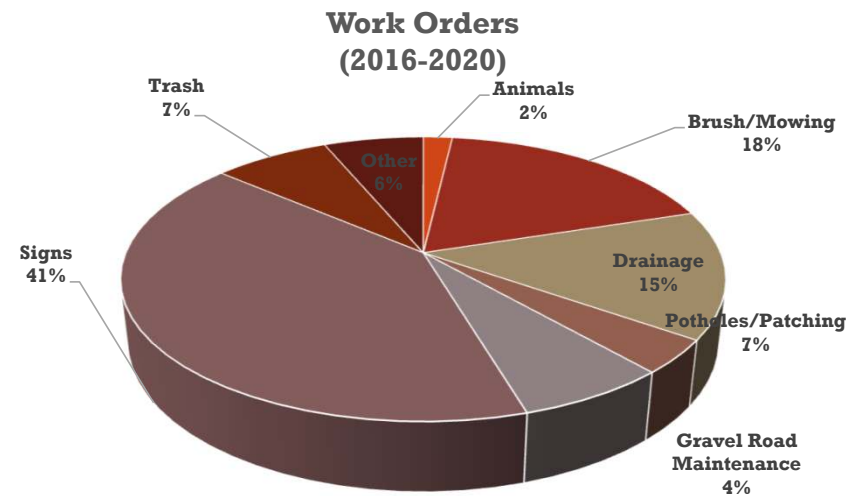
2020 GRAVEL ROAD PASER RATINGS

- Overall average rating in 2019 was 3.11 on a scale of 5
- Overall rating increased to 4.01 in 2020
 - 60+ lane miles of berm cutting
 - Placed 26,955 tons of material
- Northeast area average rating increased from 2.58 to 3.73



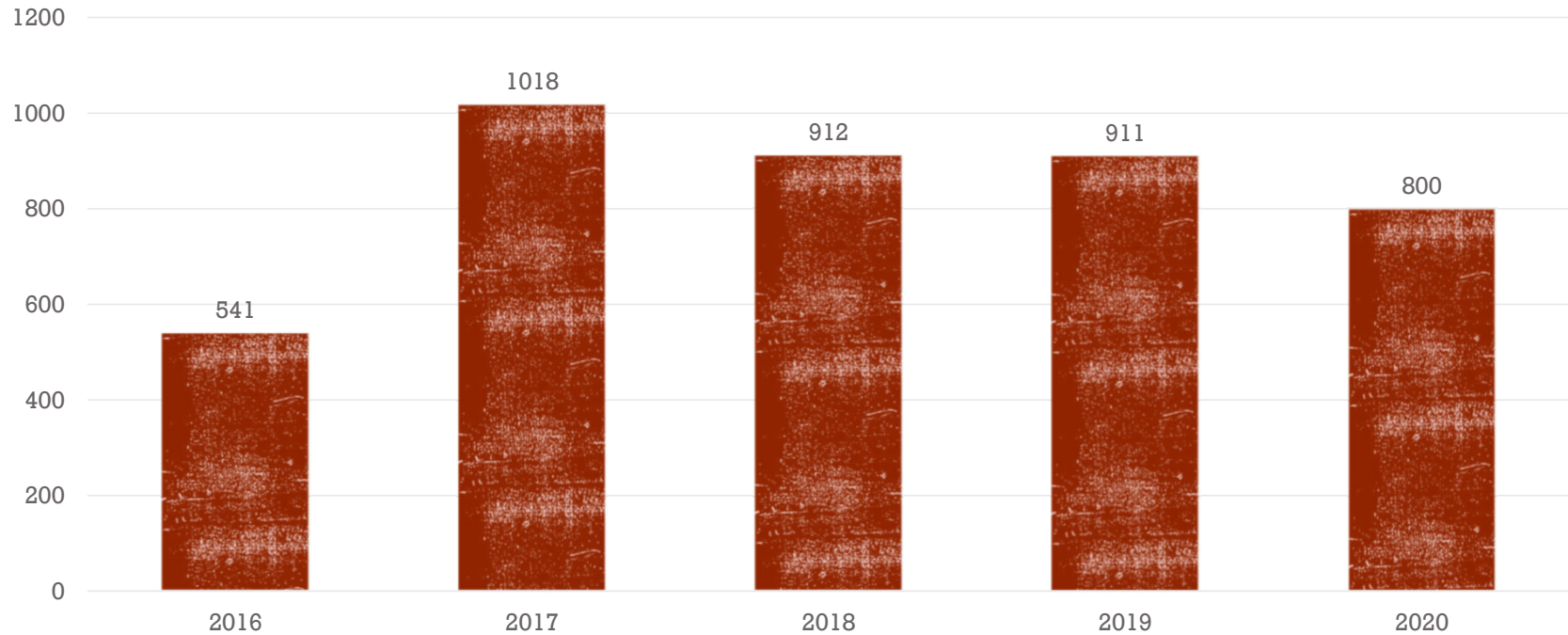
2020 WORK ORDERS

Work Type	Number
Animals	14
Brush/Mowing	138
Drainage	110
Gravel Road Maintenance	29
Potholes/Patching	52
Signs	309
Trash	56
Other	48
TOTAL =	800

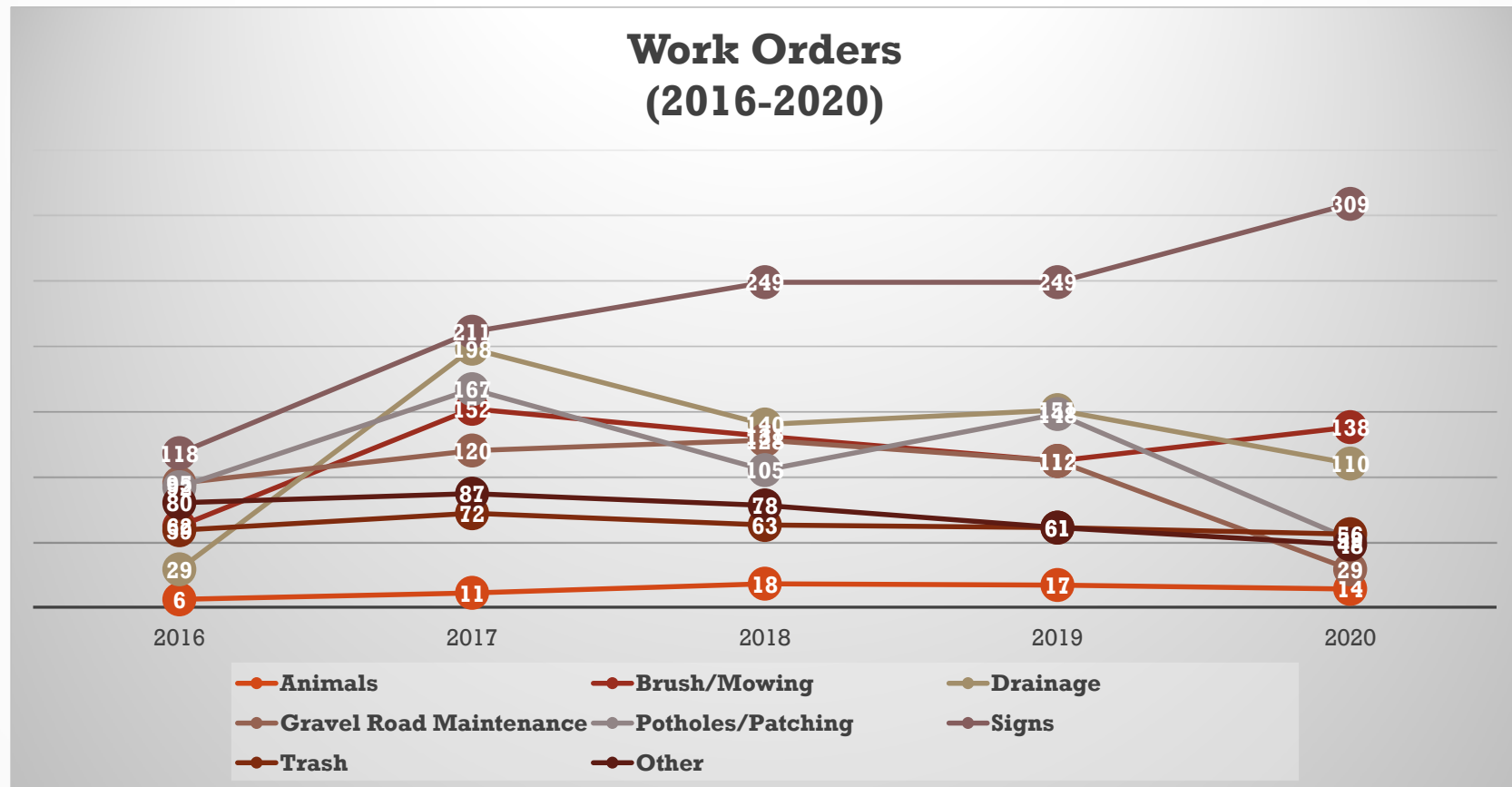


WORK ORDER TRENDS

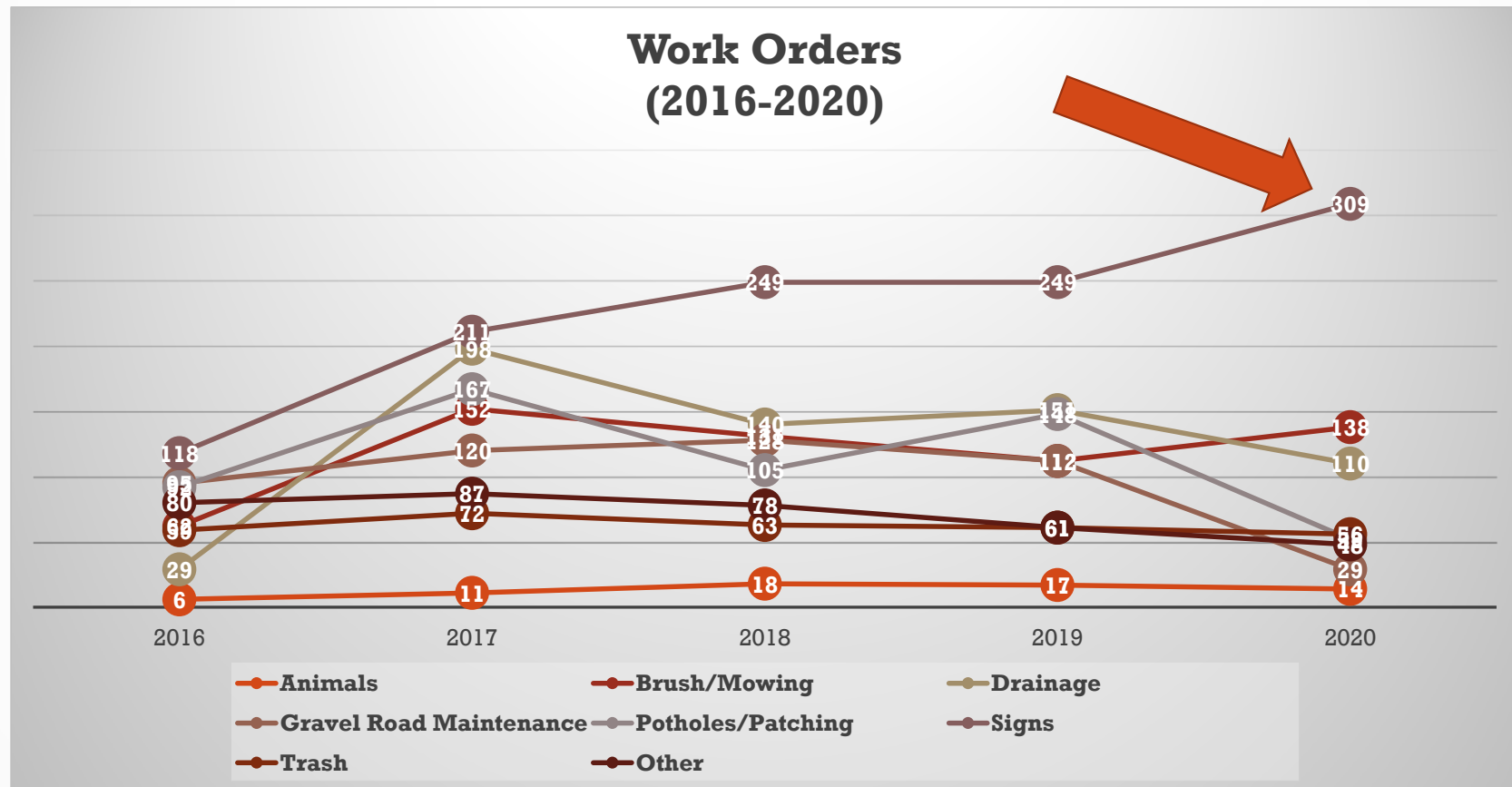
**Work Orders
(2016-2020)**



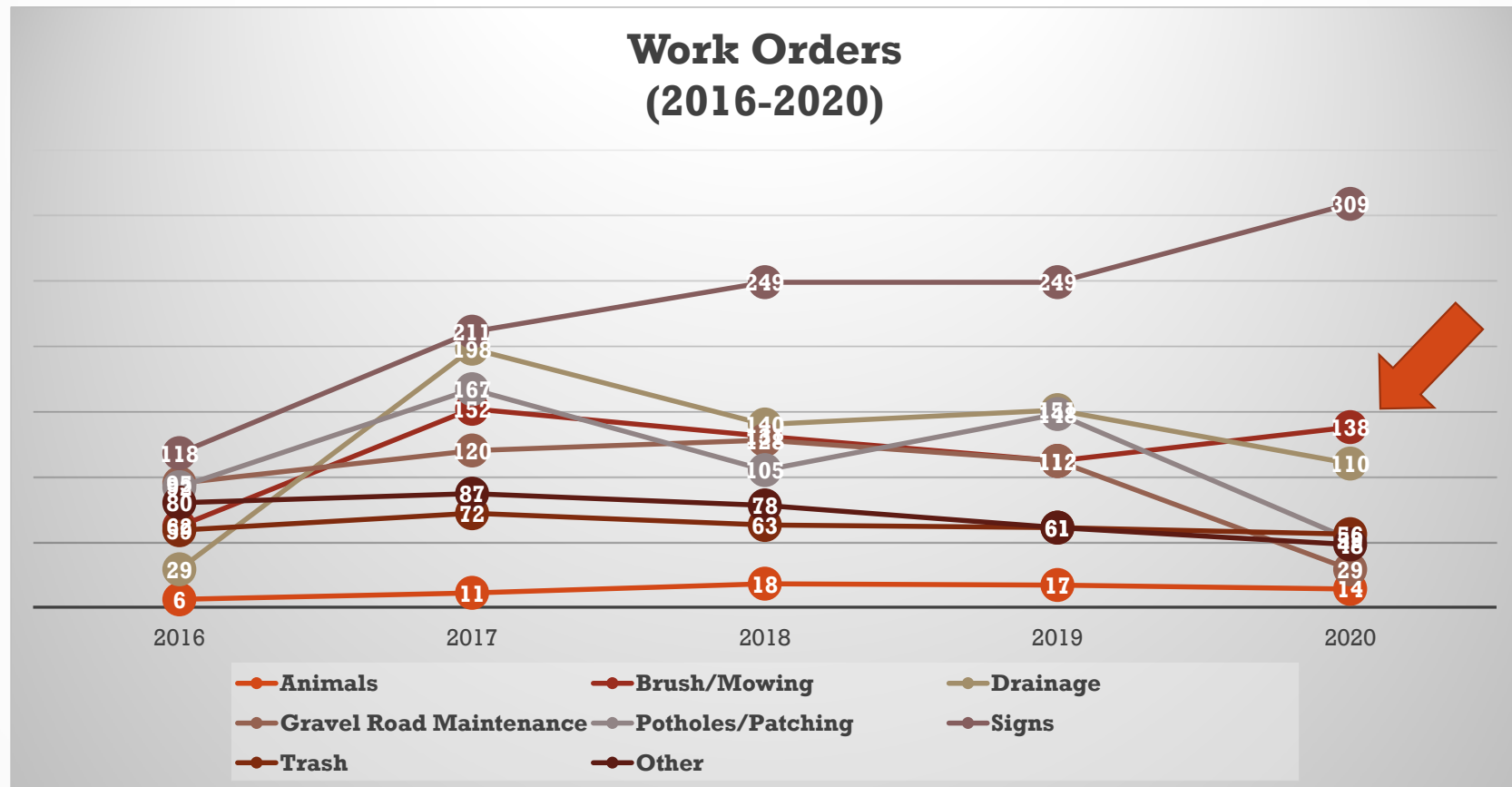
WORK ORDER TRENDS



WORK ORDER TRENDS



WORK ORDER TRENDS



2020 SAFETY REPORT CARD

(HIGHWAY SYSTEM)

	LRSP Data (5 years)		2019		2020	
Total Crashes	988	-	229		145	
Fatal Crashes	4	0.4%	1	0.4%	1	0.6%
Injury Crashes	166	16.8%	22	9.6%	26	17.6%
Roadway Departure Crashes	499	50.5%	86	37.6%	18	12.4%
Animal Crashes	95	9.6%	25	10.9%	17	11.7%
Angle/Left Turn Crashes	133	13.5%	23	10.0%	14	9.7%
Rear-end Crashes	68	6.9%	11	4.8%	11	7.6%
Dark Roadway Crashes	418	42.3%	90	39.3%	47	32.4%
Wet Roadway Crashes	367	37.1%	87	38.0%	21	14.5%
Horizontal Curve Crashes	228	23.1%	36	15.7%	23	15.9%
Intersection Crashes	406	41.1%	37	16.2%	20	13.8%
Gravel Roadway Crashes	80	8.1%	15	6.6%	22	15.2%

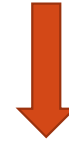


**2020 SAFETY
REPORT
CARD**
(HIGHWAY DEPARTMENT)

2018 Incidents = 7



2019 Incidents = 6



2020 Incidents = 6

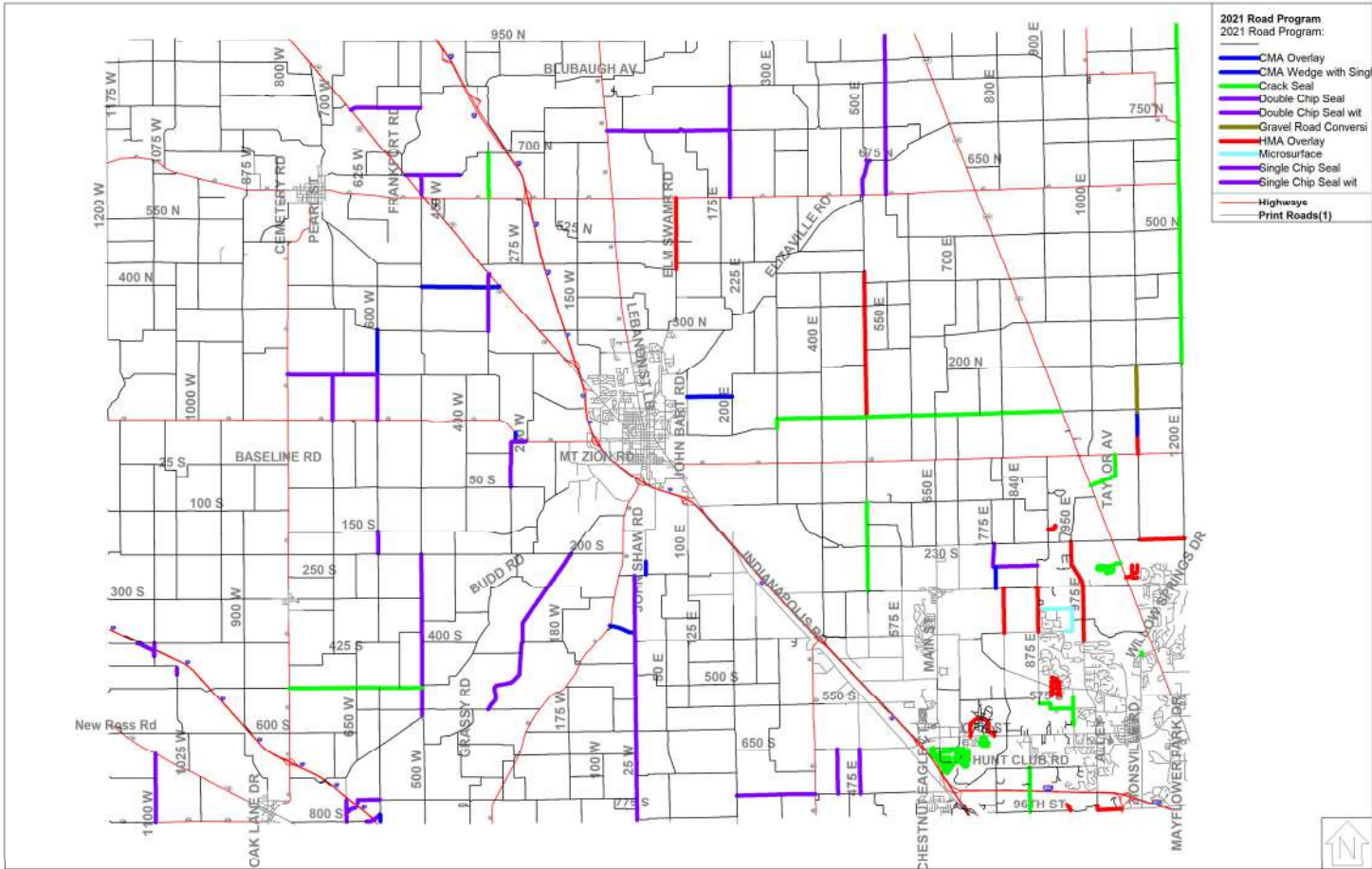


2021 SUMMER ROAD PROGRAM

Treatment	Length
Single Chip & Seal	9.39 miles
Double Chip & Seal	35.39 miles
Cold Mix Asphalt Resurface	5.60 miles
Conversion	1.00 miles

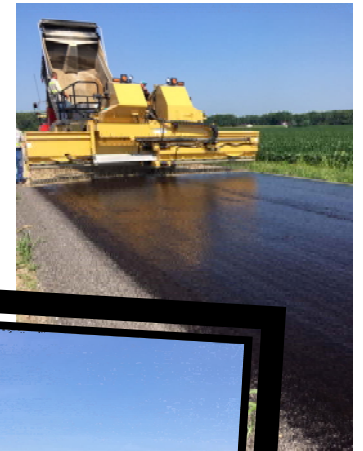


2021 SUMMER ROAD PROGRAM



2020 VS. 2021 SUMMER ROAD PROGRAM

Treatment	Miles	
	2020	2021
Single Chip & Seal	6.88	9.39
Double Chip & Seal	0.00	35.39
CMA Resurface	3.93	5.60
Conversion	0.00	1.00
TOTAL =	10.81	51.38



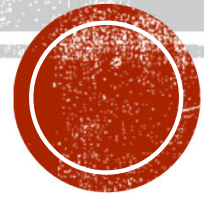
2021 PLANNED CONTRACTED WORK

Treatment	Length / Unit
Crack fill	Approximately 30 miles
Microsurfacing	Approximately 10 miles
Hot Mix Asphalt Resurfacing	16.29 miles
Bridge 154 Replacement	1
Large Culvert Replacement	5
Bridges 174 & 175 Replacement	2
Bridge 311 Rehabilitation	1



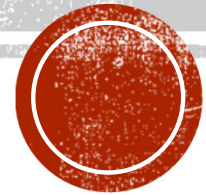
Our Vision:

***TO HELP ALL USERS OF BOONE COUNTY'S
TRANSPORTATION SYSTEM TO REACH
THEIR DESTINATION SAFELY.***



Our Mission:

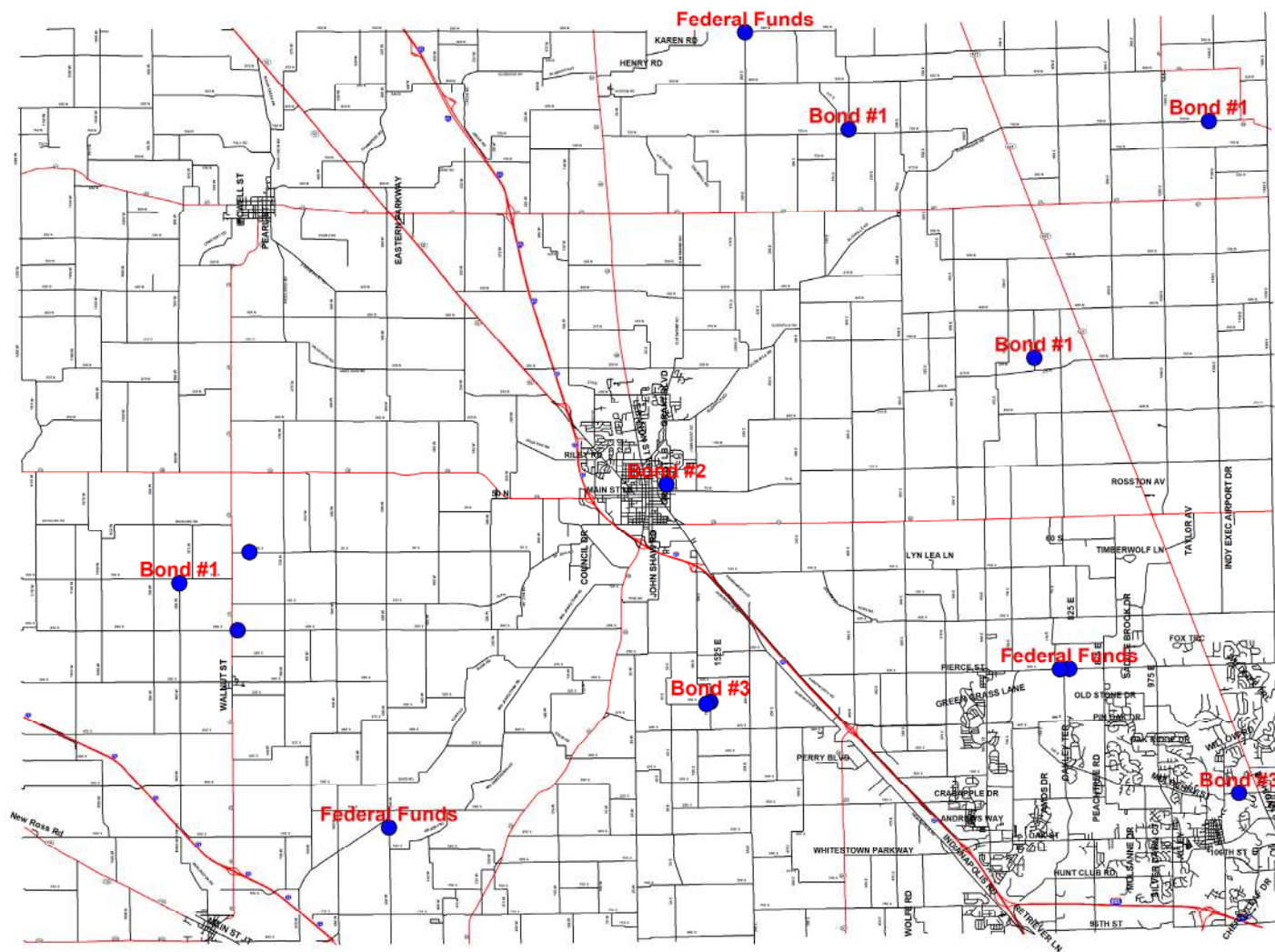
ELIMINATE FATAL AND SERIOUS INJURIES RESULTING FROM TRAFFIC CRASHES, MAKING DECISIONS BASED ON THEIR ABILITY TO REACH ZERO DEATHS ON BOONE COUNTY'S TRANSPORTATION SYSTEM.

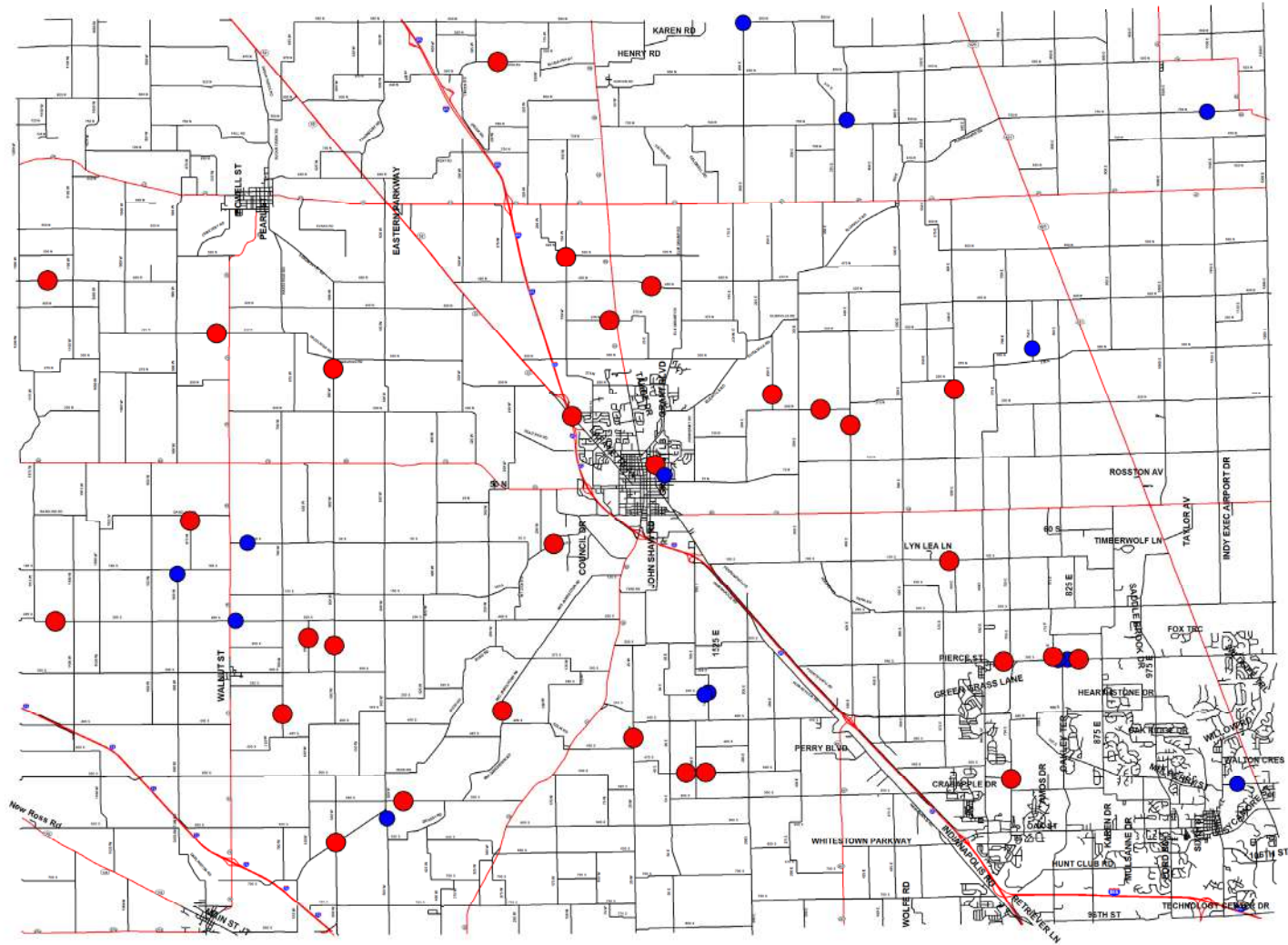


2020 BOND- STRUCTURE PROJECTS

Bond #1	Type	Str. ID	Location	Status
	Culvert	WO002	300 S between 780 E and 800 E	Construction Spring of 2021
	Culvert	JE017	900 W between 100 S and 200 S	Construction Spring of 2021
	Culvert	MA030	750 N between 1000 E and SR 38	Construction Summer/Fall of 2021
	Culvert	CL030	400 E between 750 N and 850 N	Construction Summer/Fall of 2021
	Culvert	JE016	200 S between 700 W and SR 75	Construction Fall of 2021
	Culvert	MA033	750 E between 275 N and 400 N	Construction Fall of 2021
Bond #2	Type	Str. ID	Location	Status
	Culvert	JE020	50 S between 700 W and SR 75	Construction Fall of 2021
	Bridge	175	CR 350S over Smith Ditch	Construction Summer/Fall of 2021
	Bridge	311	Williams Street over Prairie Creek	Construction Summer of 2021
Bond #3	Type	Str. ID	Location	Status
	Bridge	174	CR 125E over Smith Ditch	Construction Summer/Fall of 2021
	Bridge	217	Templin Road over Little Eagle Creek	Construction Spring/Summer of 2022



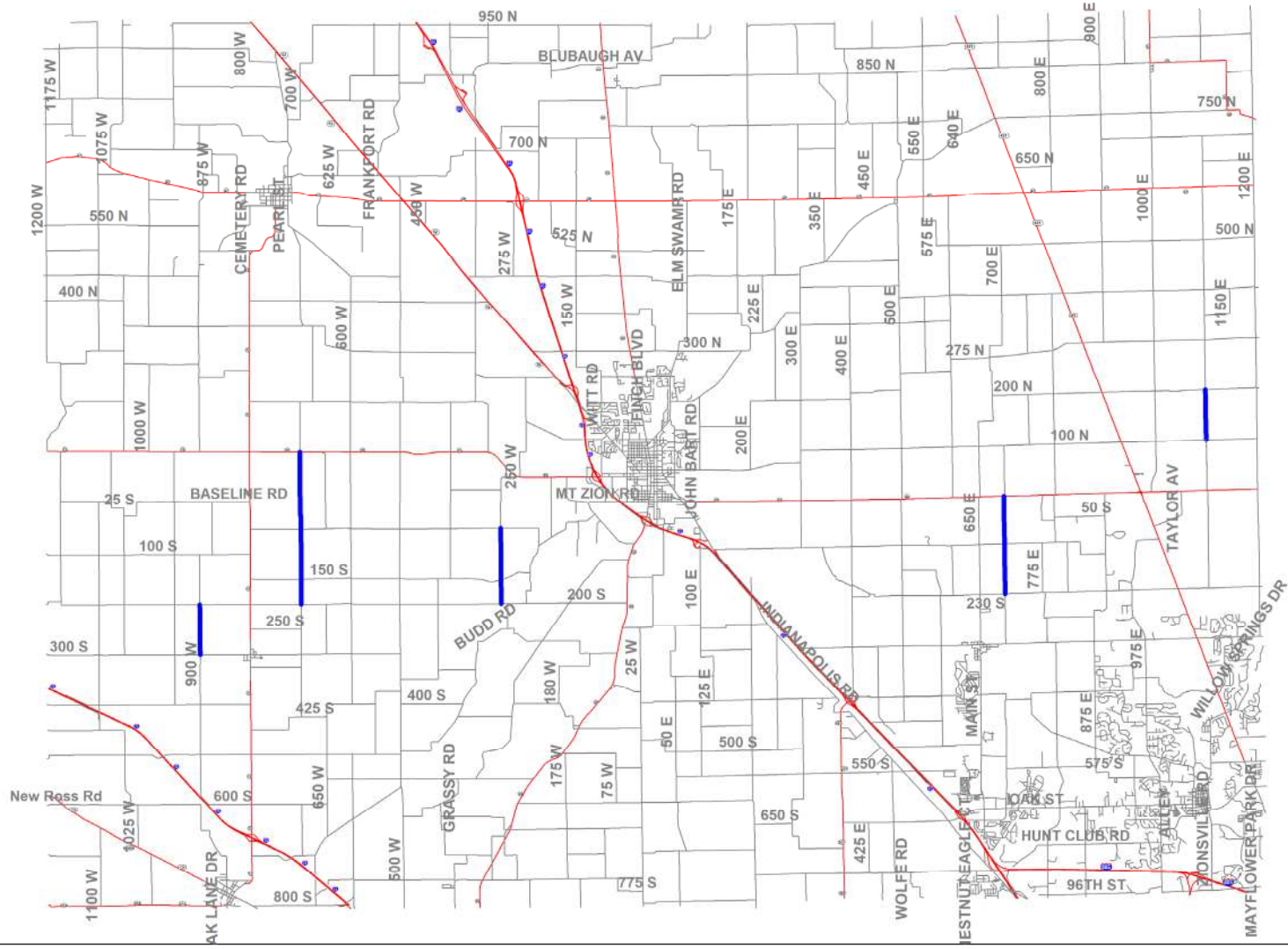


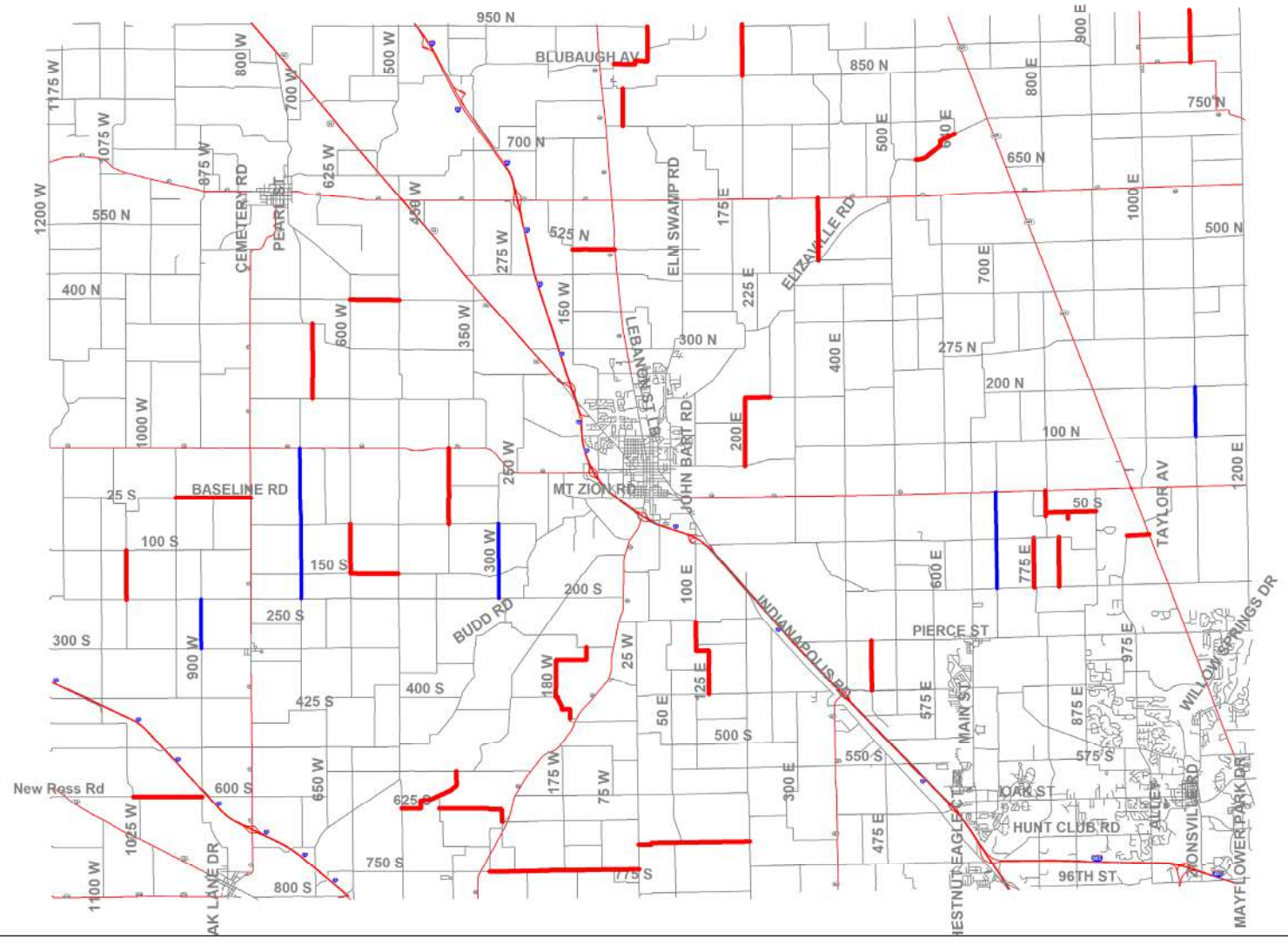


2020 BOND- ROAD CONVERSION PROJECTS

Road	From	To
CR 1100 E	CR 100 N	CR 200 N
CR 300 W	CR 50 S	CR 200 S
CR 900 W	CR 200 S	CR 300 S
CR 700 W	SR 32	CR 200 S
CR 700 E	SR 32	CR 200 S





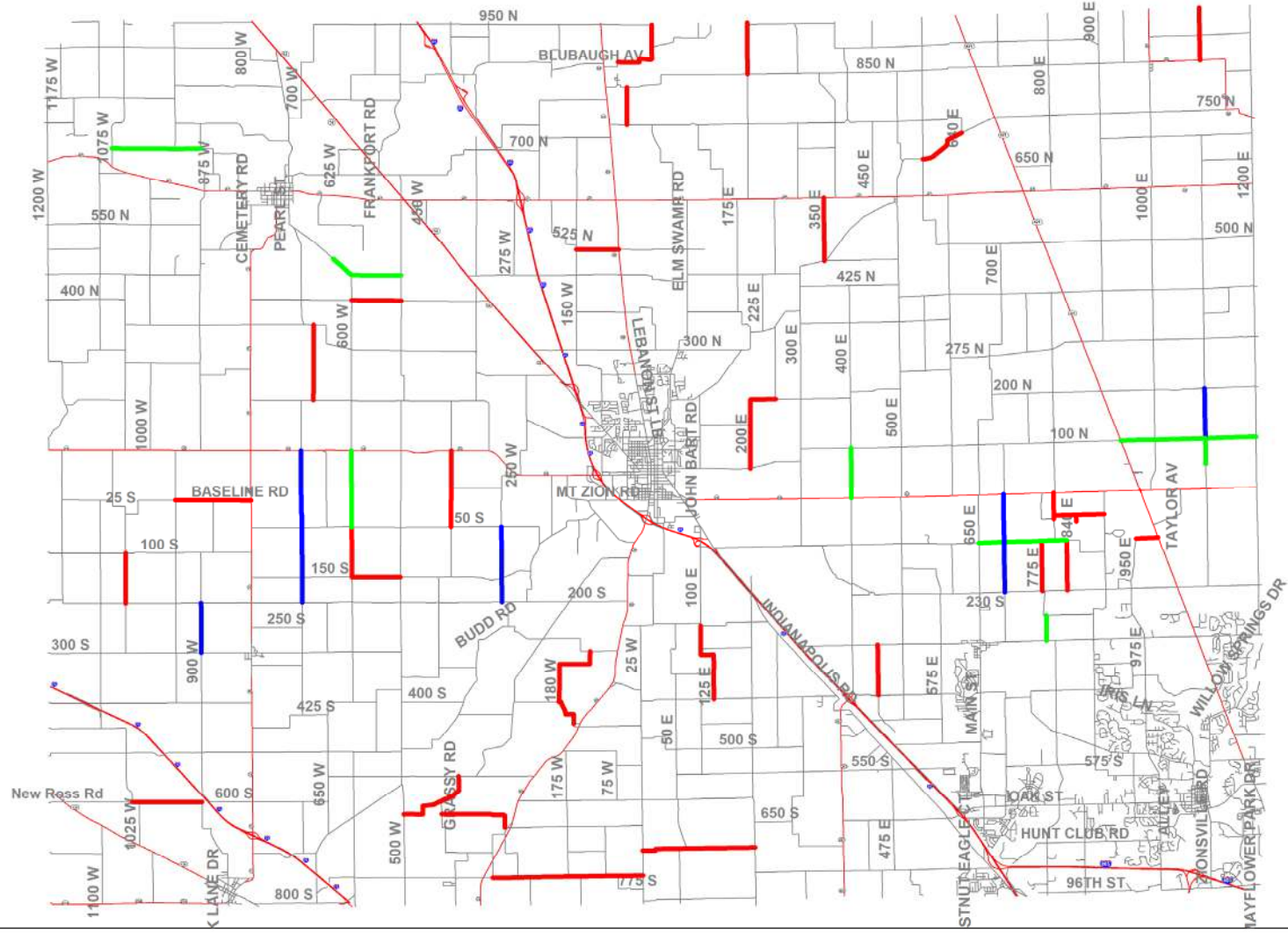


ROAD CONVERSION APPLICATIONS

Road	From	To
1100 E	100 N	200 N
300 W	200 S	50 S
900 W	200 S	300 S
700 W	SR 32	200 S
700 E	SR 32	200 S
775 E	100 S	200 S
350 E	Elizaville Rd	SR 47
400 N	500 W	600 W
125 E/ Hall Baker Rd	260 S	400 S
400 W	SR 32	50 S
825 E	100 S	200 S
675 W	Hazelrigg	200 N
750 S	25 W	325 W
50 W	750 N	Horton Road
50 S	800 E	900 E
450 E	300 S	Albert S. White
800 E	SR 32	60 S
700 S	25 W	200 E

Road	From	To
100 S	US 421	950 E
Base Line Rd	SR 75	950 W
1100 E	SR 38	County Line
150 South	500 W	600 W
600 W	50 S	150 S
200 E	850 N	County Line
200 E	75 N	150 N
Grassy Rd	550 S	500 W
200 E / 200 N	150 N	300 E
500 N	SR 39	150 W
1050 W	100 S	200 S
Pumpkinvine Road	550 E	640 E
625 S & 300 W	650 S	425 W
600 S	Darlington Ave.	1050 W
125 W/325 S/180 W	300 S	400 S/Edlin Rd
Edlin Rd	180 W	Pavement Termini
Henry Rd/Meridian Rd	Pavement Termini	950 N
840 E	50 S	Dead End





Questions?

